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List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 9 (Cancelled).

10. (New) An arrangement for measuring a fill level of a medium in a tank, including:

- a sounding tube;
- a fill level measuring device, which works with microwave signals; and
- a deflecting device for deflecting microwave signals in an end region of said sounding tube.

11. (New) The arrangement as claimed in claim 10, wherein:
said deflecting device includes a deflecting plate.

12. (New) The arrangement as claimed in claim 10, wherein:
said deflecting device is secured within said sounding tube.

13. (New) The arrangement as claimed in claim 10, wherein:
said deflecting device is secured externally on said sounding tube.

14. (New) The arrangement as claimed in claim 10, wherein:
said deflecting device is arranged at a predetermined angle to a longitudinal axis
of a sounding tube.

15. (New) The arrangement as claimed in claim 10, wherein:
said deflecting device is an angular plate.

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16. (New) The arrangement as claimed in claim 10, wherein:
said fill level measuring device includes a horn antenna, which protrudes into
said sounding tube.

17. (New) The arrangement as claimed in claim 10, wherein:
in said sounding tube, a Y-adapter is provided for a plumb device; and
in the region of said deflecting device, a microwave-transmissive support is
provided for said plumb device.

18. (New) The use of the arrangement as claimed in claim 10 in a tank of a
ship.